

SECT. 18, T. 24N. R. 6E W.M.

EQUIPMENT AND PROCEDURES

1" (SECOND) TRIMBLE SX-10 (1) SCANNING TOTAL STATION AND ELECTRONIC DISTANCE MEASURING UNIT, CALIBRATED ON 07/14/2020 AND CONFORMS TO MANUFACTURE'S SPECIFICATIONS BY FRONTIER PRECISION A LOCAL TRIMBLE INSTRUMENT REPRESENTATIVE.
1" (SECOND) TRIMBLE SX-10 (2) SCANNING TOTAL STATION AND ELECTRONIC DISTANCE MEASURING UNIT, CALIBRATED ON 06/28/2020 AND CONFORMS TO MANUFACTURE'S SPECIFICATIONS BY PRO-LINE SURVEY SUPPLY, INC. A TRIMBLE INSTRUMENT REPRESENTATIVE.
1" (SECOND) TRIMBLE S-5 TOTAL STATION AND ELECTRONIC DISTANCE MEASURING UNIT, CALIBRATED ON 07/24/2020 AND CONFORMS TO MANUFACTURE'S SPECIFICATIONS BY FRONTIER PRECISION A LOCAL TRIMBLE INSTRUMENT REPRESENTATIVE.
3" (SECOND) TRIMBLE S-6 TOTAL STATION AND ELECTRONIC DISTANCE MEASURING UNIT, CONFORMS TO MANUFACTURE'S SPECIFICATIONS.
LEICA SCANSTATION C10 TERRESTRIAL LASER SCANNER CALIBRATED ON 03/27/2020 AND CONFORMS TO MANUFACTURE'S SPECIFICATIONS ISSUED BY LEICA GEOSYSTEMS INC. LOCATED LAWRENCEVILLE, GEORGIA USA.
TRIMBLE DINI DIGITAL LEVEL USED WITH A BARCODE FACED LEVELING ROD

PRIMARY AND SECONDARY CONTROL POINTS DERIVED BY CONVENTIONAL TOTAL STATION TRAVERSE AND DIFFERENTIAL LEVEL RUN.

BASIS OF BEARING

DERIVED BETWEEN MONUMENT WSDOT GP17090-270 (FURTADO AND ASSOCIATES CONTROL POINT 270) AND MONUMENT WSDOT GP17090-58 (FURTADO AND ASSOCIATES CONTROL POINT 58)
S56°09'29"E HORZ. DIST.=7587.48'

HORIZONTAL DATUM:

PROJECT GROUND COORDINATES BASED UPON WASHINGTON STATE PLANE COORDINATE SYSTEM NAD 83/2011 NORTH ZONE, US SURVEY FOOT.
OBSERVED BY CONVENTIONAL TRAVERSE BETWEEN WSDOT MONUMENTS GP17090-270 (FURTADO AND ASSOCIATES CONTROL POINT 270) AND WSDOT MONUMENT GP17090-58 SCALE FACTOR = 1, WHERE GRID = GROUND MEASUREMENTS FOR PROJECT LIMITS.

VERTICAL DATUM:

THE VERTICAL DATUM IS NAVD 88, US SURVEY FOOT.

BENCHMARK: WSDOT GEOGRAPHIC SERVICES - REPORT OF SURVEY MARK, DESIGNATION: GP-17090-270 (CORRESPONDS TO PNT: NO. 270, AS SHOW ON THIS SURVEY)
ELEVATION 201.184 (NAVD88)
LOCATION: WSDOT BRASS DISK IN DRILL HOLE IN SOUTHEAST CORNER OF THE BRIDGE OVER WEST LAKE SAMMAMISH PKWY. SE.

REFERENCE'S:

WSDOT RIGHT-OF - WAY PLANS AND RECORDS:
1989 - 090, RICHARDS ROAD TO LAKE SAMMAMISH
200412230900005_ROS_405_PERTEET_V181_P001

RECORD OF SURVEYS AND PLATS, KING COUNTY AFN'S:
198102249011_ROS_GILMAN_JR_V26_P246
198405290859_PLAT_WEATHERWOOD_NO1_V127_P25
198612314133_PLAT_WEATHERWOOD_EAST_V136_P3-4
1988066169002_ALTA_MILLPOINTER_V61_P125
198811039001_ROS_MERRYMAN_V63_P145
199006110927_CONDO_CRESTVIEW_TOWNHOMES_V95_P90-92
199510169006_BLA_MERRYMAN_V105_P285
199702199003_BLA_VANDERZADEN_V113_P154
199702201139_CONDO_SAMMAMISH_HILLS_V137_P93-102
199711210602_CONDO_SAMMAMISH_HILLS_PH2_V143_P65-71
20010626900002_ROS_KITZ_V146_P276
2005060900002_ROS_MATTHEWS_V188_P038
20070620001923_PLAT_TIMBERLAKE_VILLAGE_V241_P62
20100528900009_ROS_BOGDON_V-272_P090

KING COUNTY ASSESSOR'S MAPS: QS_SW182406, QS_NW182406

FIELD DATES VISITED : FEB - MAY, 2021

TITLE INFORMATION:

FOLLOWING TITLE INFORMATION PROVIDED BY FIDELITY NATIONAL TITLE INSURANCE COMPANY:

TL NO. 1824069011, ORDER NO. 611241822, LAKEMONT ISSAQUAH INC
TL NO. 1824069021, ORDER NO. 3303682, TIMBERLAKE PARK
TL NO. 1824069057, ORDER NO. 611317905, CITY OF ISSAQUAH
TL NO. 1824069058, ORDER NO. 611241825, MANCINI
TL NO. 1824069068, ORDER NO. 611241823, ORENDA LIVING TRUST
TL NO. 1824069098, ORDER NO. 611241820, LAKEMONT ISSAQUAH INC
TL NO. 1824069145, ORDER NO. 611241821, LAMEMONT ORCHARDS
TL NO. 1824069162, ORDER NO. 611241824, BEARD
TL NO. 1824069186-9187, ORDER NO. 3404244, BACKAMUS

SURVEY CONTROL POINT TABLE				
POINT #	NORTHING	EASTING	ELEVATION	DESCRIPTION
58	204180.25	1334376.48	-	WSDOT GP17090-58
270	208405.75	1328074.49	201.18	WSDOT GP17090-270
500	208607.80	1328396.34	189.74	PK W/FLASHER
501	208935.47	1328233.49	201.87	NAIL W/FLASHER
502	208324.91	1328682.11	161.92	PK W/FLASHER
503	208112.54	1328995.95	144.69	PK W/FLASHER
504	207916.36	1329456.52	132.67	NAIL W/FLASHER
505	207762.24	1329815.62	125.91	NAIL W/FLASHER
512	208001.72	1327897.48	206.97	SCRIBED 'X'
513	207942.63	1328001.52	211.65	SCRIBED 'X'
514	208076.07	1328425.51	200.28	NAIL W/FLASHER
518	209269.90	1327017.69	234.56	NAIL W/FLASHER
519	208705.52	1327512.71	215.69	NAIL W/FLASHER
520	208177.02	1327723.50	213.29	NAIL W/FLASHER
524	207333.87	1327720.39	253.36	SCRIBED 'X'
527	207723.69	1328268.84	199.71	NAIL W/FLASHER
531	207584.40	1328699.93	180.25	NAIL W/FLASHER
532	207301.44	1329286.12	176.87	2" BRASS SURFACE MON
533	207126.41	1329537.87	177.68	NAIL W/FLASHER
535	206861.28	1329897.57	180.91	NAIL W/FLASHER
538	208730.43	1328255.82	197.62	NAIL W/FLASHER
539	209133.63	1328129.26	183.44	NAIL W/FLASHER
545	208354.70	1327917.34	183.27	NAIL W/FLASHER
548	208606.54	1327701.65	175.57	NAIL W/FLASHER
549	209138.61	1327194.55	215.31	NAIL W/FLASHER

SURVEY CONTROL DATA SHEETS:
WSDOT GEOGRAPHIC SERVICES DESIGNATION:
GP17090-270, GP17090-58, GP17090-57

CITY OF BELLEVUE SURVEY CONTROL DATA SHEETS:
COB 0141-W QTR 18-24-6 _Calculated (Position disturbed, used data sheet coordinate)
COB 0143-SW 18-24-6 _Calculated
COB 142R- S QTR 18-26-6 _Calculated (Found position fit within tolerance)

TITLE INFORMATION: FOLLOWING TITLE INFORMATION WERE PROVIDED:
FIDELITY NATIONAL TITLE: 611241825 TR-LEE A MANCINI, 611241823 TR-ORENDA LIVING TRUST, 611241824 TR-BRAD KATHI, 611241822 TR-LAKEMONT ISSAQUAH INC. AND 611241820 TR-LAKEMONT ISSAQUAH INC.

ALIGNMENT AND ROW CALCULATIONS::

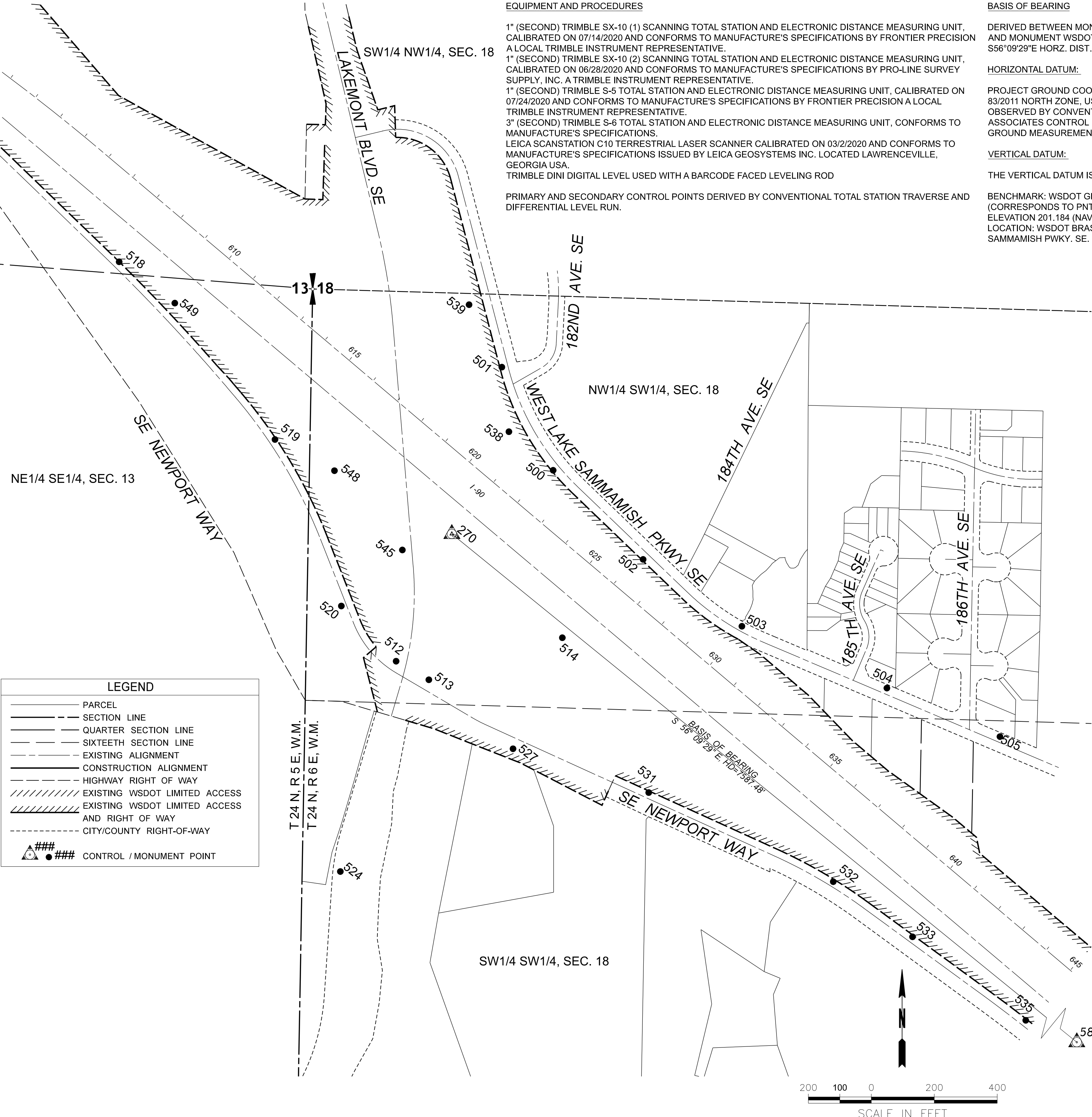
I-90 ALIGNMENTS AND ROW:
BASED ON THE FOLLOWING WSDOT RIGHT-OF-WAY PLANS
I-90_RICHARDS_ROAD_TO_LAKE_SAMMAMISH, OCTOBER 15, 1969

LAKEMONT BLVD. ROW:
ALIGNMENT IS BASED ON KING COUNTY SURVEY NO. 24-24-5-5 AND RECORD OF SURVEY:
198102249011_ROS_GILMAN_JR_V26_P246

WEST LAKE SAMMAMISH PKWY ROW:
ALIGNMENT IS BASED ON I-90_RICHARDS_ROAD_TO_LAKE_SAMMAMISH, OCTOBER 15, 1969 AND PLATS OF
20070620001923_PLAT_TIMBERLAKE_VILLAGE_V241_P62 AND 198405290859_PLAT_WEATHERWOOD
NO1_V127_P25

SURVEY CONTROL DESCRIPTIONS

- #500 FOUND "PACE" PK W/FLASHER ON S. SIDE OF WEST LAKE SAMMAMISH PKWY. SE, ±350' EAST OF 182ND AVE. SE, 0.8' N. OF EDGE OF PVMT., 10.8' N. OF CHAIN LINK FENCE
- #501 SET NAIL W/FLASHER IN SHOULDER ON ON S. SIDE OF WEST LAKE SAMMAMISH PKWY. SE @ 182ND AVE. SE, 18.0' W. OF CROSSWALK, 3.0' N. OF EDGE OF PVMT.
- #502 FOUND "PACE" PK W/FLASHER ON S. SIDE OF WEST LAKE SAMMAMISH PKWY. SE, ±75' WEST OF 184TH AVE. SE, 2.5' N. OF EDGE OF PVMT.
- #503 FOUND "PACE" PK W/FLASHER ON N. SIDE OF WEST LAKE SAMMAMISH PKWY. SE ABOVE LEWIS CREEK, 3.5' S. OF GUARD RAIL
- #504 SET NAIL W/FLASHER ON N. SIDE OF WEST LAKE SAMMAMISH PKWY. SE, ±100' EAST OF 185TH AVE. SE ACROSS FROM HOUSE #4601, 3.5' S. OF BACK OF CURB
- #505 SET NAIL W/FLASHER ON N. SIDE OF WEST LAKE SAMMAMISH PKWY. SE, ±100' EAST OF 186TH AVE. SE
- #512 SET SCRIBED X @ SE'LY TIP OF PEDESTRIAN ISLAND IN NW QUAD. OF INTX. OF SE NEWPORT WY. WITH LAKEMONT BLVD. SE, 13.4' SE OF TRAFFIC SIGNAL POLE
- #513 SET SCRIBED X IN SIDEWALK @ NE QUAD. OF INTX. OF SE NEWPORT WY. WITH LAKEMONT BLVD. SE, 11.5' E. OF ADA RAMP, 1.8' N. OF BACK OF CURB
- #514 SET NAIL W/FLASHER IN E. SIDE OF CLOVERLEAF OFF-RAMP FROM E. BOUND I-90 TO N. BOUND LAKEMONT BLVD. SE NEAR EASTERN-MOST LIMITS OF RAMP
- #518 SET NAIL W/FLASHER IN N. SIDE OF SE NEWPORT WY. IN BIKE LANE, OPPOSITE THE GORE POINT IN E. BOUND OFF-RAMP TO LAKEMONT BLVD. SE, 3.0' S. OF RET. WALL
- #519 SET NAIL W/FLASHER IN N. SIDE OF SE NEWPORT WY., ±800' NW OF INTX. WITH LAKEMONT BLVD. SE, 5.0' S. OF CHAIN LINK FENCE
- #520 SET NAIL W/FLASHER IN BIKE LANE ON S. SIDE OF SE NEWPORT WY., ±250' NW OF INTX. WITH LAKEMONT BLVD. SE, 4.2' N. OF CONC. SOUND WALL
- #524 SET SCRIBED X IN SIDEWALK ON W. SIDE OF LAKEMOND BLVD. SE, 2.0' E. OF RET. WALL, 2.8' E. OF LIGHT POLE #76
- #527 SET NAIL W/FLASHER IN S. SIDE OF SE NEWPORT WY. IN BIKE LANE, ±350' E. OF INTX. WITH LAKEMONT BLVD. SE, 30' S. OF I-90 ON-RAMP, 3.2' N. OF PAVEMENT EDGE
- #531 SET NAIL W/FLASHER IN N. SIDE OF SE NEWPORT WY. ACROSS FROM DRIVEWAY TO "LAKEMONT ORCHARD APARTMENTS", 5.4' N. OF CURB
- #532 FOUND 2" BRASS SURFACE MON "BELLEVUE SURVEY H2424" IN N. SIDE OF SE NEWPORT WY. ACROSS FROM WEST DRIVEWAY TO "SAMMAMISH HILLS APARTMENTS", 4.0' N. OF BACK OF CURB
- #533 SET NAIL W/FLASHER IN N. SIDE OF SE NEWPORT WY. ACROSS FROM EAST DRIVEWAY TO "SAMMAMISH HILLS APARTMENTS", 6.0' N. OF BACK OF CURB
- #535 SET NAIL W/FLASHER IN N. SIDE OF SE NEWPORT WY. ACROSS FROM DRIVEWAY TO "MONOHON CONDOMINIUMS", 2.1' S. OF GUARD RAIL
- #538 SET NAIL W/FLASHER IN N. SHOULDER OF OFF-RAMP FROM W. BOUND I-90 TO LAKEMONT BLVD. SE, P650' E. OF LAKEMONT BLVD. SE TRAFFIC CIRCLE, 4.2' S. OF NORTH PAVEMENT EDGE
- #539 SET NAIL W/FLASHER IN N. SHOULDER OF OFF-RAMP FROM W. BOUND I-90 TO LAKEMONT BLVD. SE, P200' E. OF LAKEMONT BLVD. SE TRAFFIC CIRCLE, 60' W. OF "WRONG WAY" SIGN, 3.4' S. OF NORTH PAVEMENT EDGE
- #545 SET NAIL W/FLASHER IN W. SIDE OF LAKEMONT BLVD. SE, 40' S. OF END OF OFF-RAMP FROM E. BOUND I-90 @ BEGINNING OF RIGHT TURN LANE, IN CENTER OF BIKE LANE CROSSING, ±85' N. OF START OF BIKE LANE MARKING
- #548 SET NAIL W/FLASHER IN N. SHOULDER OF OFF-RAMP FROM E. BOUND I-90 TO S. BOUND LAKEMONT BLVD. SE, ±290' W. OF INTX. WITH LAKEMONT BLVD. SE, 11.6 FEET SOUTH OF "WRONG WAY" SIGN, 1.9' S. OF PAVEMENT EDGE
- #549 SET NAIL W/FLASHER IN ASPHALT GORE POINT @ E. BOUND OFF-RAMP FROM I-90 TO LAKEMONT BLVD. SE, 50' E. OF "EXIT 13" SIGN, 6.5' W. OF PAVEMENT EDGE
- #270 SEE WSDOT GP17090-270 DATA SHEET
- #58 SEE WSDOT GP17090-58 DATA SHEET (2012 COORDINATE DATA HELD TO MATCH DATE FOR #270)



FILE NAME		S:\1934 - WSDOT I-90 GEC\1934-1 - I-90 Fish Passages\2a Lewis Creek\CAD Files\Microstation Deliverables\XL6175_BP_EXCT.dgn										REGION NO.		STATE		FED.AID PROJ.NO.		CONCEPTUAL DESIGN NOT FOR CONSTRUCTION		<div><div><div>DRAFT</div><div>PLS STAMP BOX</div></div><div><div>DATE</div><div>DATE</div></div></div>		PLAN REF NO	
TIME		5:26:15 PM										10		WASH									
DATE		2/1/2023										JOB NUMBER		XL-6703									
PLOTTED BY		fur148										CONTRACT NO.		LOCATION NO.									
DESIGNED BY																							
ENTERED BY																				SHEET			
CHECKED BY																				OF			
PROJ. ENGR.																				SHEETS			
REGIONAL ADM.												REVISION		DATE		BY				CONSTRUCTION CONTROL PLAN			

Washington State

Department of Transportation

F & A

FURTADO & ASSOCIATES, INC.

Consulting Engineers

I-90 MP 13.83
LEWIS CREEK
FISH PASSAGE